

UNDER THE AUSPICES OF



FONDAZIONE  
FLAMINIA  
PER L'UNIVERSITÀ  
IN ROMAGNA



## 6<sup>th</sup> International Congress

# CHEMISTRY FOR CULTURAL HERITAGE (ChemCH)

<https://eventi.unibo.it/chemch2020>

*Venue:*

**ALMA MATER STUDIORUM - University of Bologna, Ravenna**

*Palazzo dei Congressi, Largo Firenze, Ravenna (ITALY)*

*6-10 July 2020*

## 2<sup>nd</sup> announcement and call for abstract

### Congress Chair

**Rocco MAZZEO**, Department of Chemistry, University of Bologna, Italy

### International Scientific Committee

**Silvia PRATI**, Department of Chemistry, University of Bologna, Italy

**Giorgia SCIUTTO**, Department of Chemistry, University of Bologna, Italy

**Meric BAKILER**, Mimar Sinan Fine Art University, Istanbul, Turkey

**Elena BADEA**, Faculty of Sciences University of Craiova Romania

**Yvonne FORS**, Stockholm University, Sweden

**Oliver HAHN**, Bundesanstalt für Materialforschung und prüfung, Germany

**Koen JANSSENS**, Department of Chemistry, University of Antwerp, Belgium

**Lucia BURGIO**, Victoria & Albert Museum, UK

**Orhideja GRUPČE**, University "Ss Cyril & Methodius", Republic of Macedonia

**Hadi ÖZBAL**, Bogazici University, Turkey

**Fatih ÖZBAŞ**, Directorate of Protection Application and Supervision, Turkey

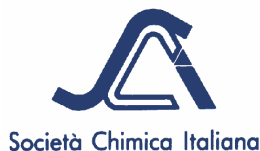
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**Jana SANYOVA**, Insitut Royal du Patrimoine Artistique (IRPA), Belgium

**Domagoj SATOVIC**, Academy of Fine Arts, Croatia

**Milena REHAKOVA**, Slovak Chemical Society

**Radovan TINO**, Slovak Chemical Society

**Anna VILA ESPUNA**, Societat Catalana de Quimica

**Rita WIESINGER**, Austrian Chemical Society

**Barbara LYDZBA-KOPCZYNSKA**, Polish Chemical Society

**Harmut KUTZKE**, Norwegian Chemical Society

The **6<sup>TH</sup> International Congress on Chemistry for Cultural Heritage**, organized by the University of Bologna – Microchemistry and Microscopy Art Diagnostic Laboratory (M2ADL) in collaboration with the Italian Chemical Society (SCI) and its Division of Environmental and Cultural Heritage Chemistry, is particularly aimed at providing an international platform for presentation and discussion on the following topics:

- Session 1: Advanced diagnostic techniques applied to CH (Chemical imaging, Development of non-invasive / microinvasive analytical methods for artworks, Chemometrics on artwork studies, Self-boundaries for safe analysis)
- Session 2: New materials and methods for the conservation of CH (Nanotechnologies and nanomaterials for diagnostic, conservation and restoration, Sustainable materials and methods for conservation and restoration)
- Session 3: Interaction and degradation of CH (Alteration phenomena: chemical interaction of environment and artworks, Chemical aspects of biological alteration phenomena, Environmental chemistry aspects in heritage conservation)
- Session 4: Relevant case studies (Multi and transdisciplinary studies of cultural heritage)

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### PLENARY LECTURES:

Five plenary lectures will open each session/sub-session:

- **Session 1: Advanced diagnostic techniques applied to CH**

Costanza Miliani, National Research Council of Italy (CNR) - Institute of Heritage Science *“Advances in the development of non destructive methods for the in situ analyses of cultural objects The MOLAB experience”*

Loic Bertrand, Synchrotron SOLEIL, I P A N E M A – CNRS, Ministère de la culture, UVSQ, Université Paris–Saclay *“Development of atypical synchrotron imaging methods for ancient materials”*

- **Session 2: New materials and methods for the conservation of CH**

Lucia Toniolo, Politecnico di Milano, Dipartimento di Chimica, Materiali e Ingegneria Chimica "Giulio Natta", Laboratory Materials and Methods for Cultural Heritage *“Nanomaterials for a sustainable conservation of the surfaces of historical architecture”*

- **Session 3: Interaction and degradation of CH**

Koen Janssens, University of Antwerpen: *“Examination of the pigments’ degradation on the fresco fragments from Assisi Cathedral.”*

- **Session 4: Relevant case studies**

Abbie Vandivere, Mauritshuis, Koninklijk Kabinet van Schilderijen, Royal Picture Gallery, The Hague, *“The Girl in the Spotlight: Results from the technical examination of Vermeer’s Girl with a Pearl Earring”*

### AWARDS, ORAL AND POSTER PRESENTATIONS

Eight Keynotes Lectures will be selected by the Scientific Committee from the received contributions that highlight the most innovative researches. Key Lecturers will be allowed to open their congress session and to have 20 minutes for their presentation.

The conference will offer the Best Poster Awards to the three best posters presented and, as already proposed during the ChemCH2018, three Best Paper and Presentation Awards will be given to young researchers who present a contribution as first author. Winners will be awarded during the congress Closing Ceremony.

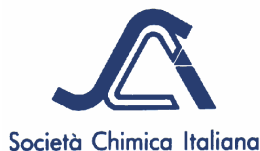
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### CHEMCH 2020 DEAD LINES:

- March 15, 2020 Oral/poster abstract submission deadline
- March 30, 2020 Notification of acceptance for oral presentation/poster
- May 15, 2020 Payment deadline for presenters
- May 31, 2020 Final Programme
- July 6 - 10, 2020 CHEMCH 2020 Conference

### PUBLICATION

We are working to have a selection of the best presentations published in a scientific peer-reviewed scientific journal. Further information will be provided in due time.

### REGISTRATION FEES:

#### Before March 1<sup>st</sup> 2020

Italian Chemical Society (Sci) Members and Euchems Members 400€

Non Members 450€

Students (Certificate Required) 200€

Accompanying People 150€

One Day Registration (Per Day) 180€

#### AFTER MARCH 1<sup>ST</sup> 2020

Italian Chemical Society (Sci) Members and Euchems Members 450€

Non Members 500€

Students (Certificate Required) 220€

Accompanying People 150€

One Day Registration (Per Day) 180€

The Registration Fee includes participation in all scientific sessions, conference materials, coffee breaks, lunches and evening events (Guided visit to Ravenna Mosaics, Social dinner). The fee for accompanying persons includes social dinner and evening events.

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Terms of payment	
Due to our University administrative rules payment can be done only by money transfer (Credit cards are not accepted):	
Bank tranfer to:	Bank coordinates
UNIVERSITÀ DI BOLOGNA, POLO DI RAVENNA, Via Baccarini, 27. 48100 Ravenna	UNICREDIT BANCA - sede RAVENNA IBAN: IT35B0200813120000001483045 BIC SWIFT: UNCRIT2BRM0
Description: ChemCH2020 Surname	
Bank expenses are charged to the registered person. We do accept Bank transfer for multiple persons, but we need the names of the single contributors are clearly specified on the email sent to the Organizing Secretariat.	
For complete registration, send a copy of the money transfer to <a href="mailto:chemch2020@unibo.it">chemch2020@unibo.it</a> . This will allow us to send you an e-mail acknowledgement and also to prepare the invoice.	

## TRAVEL INFORMATION AND ACCOMODATIONS

Special fares are provided to ChemCH2020 participants in several hotels.

For the list of the hotels and for information about how to reach Ravenna , please visit the ChemCH2020 website: <https://eventi.unibo.it/chemch2020>

## SCHEDULE OF THE PROGRAMME

### Monday, July 6<sup>th</sup>

11:00	13.30	Registration
14.00	15.00	Congress Opening Ceremony
15:00:	15:30	Plenary Lecture
15:30	16:00	Coffee Break
16:00	16:20	Key Note
16:20	18:00	Congress Session

### Tuesday, July 7<sup>th</sup>

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Società Chimica Italiana



**EuChemS**  
European Chemical Society

09:30	10:00	Plenary Lecture
10:00	10:20	Key Note
10:20	10:50	Coffee Break
10:50	13:00	Congress Session
13:00	14:35	Lunch
14:35	14:55	Key Note
14:55	16:10	Congress Session
16:10	16:40	Coffee Break
16:40	17:10	Congress Session
17:10	19:00	Visit to Ravenna

### Wednesday, July 8<sup>th</sup>

09:30	10:00	Plenary Lecture
10:00	10:20	Key Note
10:20	10:50	Coffee Break
10:50	13:00	Congress Session
13:00	14:35	Lunch
14:35	14:55	Key Note
14:55	16:10	Congress Session
16:10	16:55	Coffee Break
16:55	17:55	Steering Committee

### Thursday, July 9<sup>th</sup>

09:30	10:00	Plenary Lecture
10:00	10:20	Key Note
10:20	10:50	Coffee Break
10:50	13:00	Congress Session
13:00	14:35	Lunch
14:35	14:55	Key Note
14:55	16:10	Congress Session
16:10	16:40	Coffee Break
16:40	18:00	Congress Session
20:00	22:30	Social Dinner

### Friday, July 10<sup>th</sup>

09:30	10:00	Plenary Lecture
10:00	10:20	Key Note
10:20	10:50	Coffee Break
10:50	12:30	Congress Session
12:30	13:00	Awards and Closing Ceremony

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ORGANISING COMMITTEE

Carla ROSSI

Rocco MAZZEO

Silvia PRATI

Giorgia SCIUTTO

Emilio CATELLI

Yiming JIA

Diego QUINTERO BALBAS

Marco CHAVEZ LOZANO

Lucrezia GATTI

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